

Amendments to the claims

Please amend the claims according to the following listing of the claims.

1. (Canceled)
2. (Canceled)
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16. (Canceled)
17. (Canceled)
18. (New) A module for interrupting at least one electrical circuit of a unit of a motor vehicle in an overload condition, comprising:
  - a housing mountable on said vehicle having input means operatively connectable to said circuit and output means;
  - a fuse disposed in said housing electrically connected to said input means; and

an analog/digital converter disposed in said housing electrically interconnecting said fuse and said output means.

19. (New) A module according to claim 18 including a processor disposed in said housing operatively interconnecting said analog/digital converter and said output means.

20. (New) A module according to claim 19 including means disposed in said housing for sensing temperature in the vicinity of said fuse, operatively connected to said processor for compensation purposes.

21. (New) A module according to claim 18 wherein said input means is connectable to one of a group consisting of control and function devices.

22. (New) A module according to claim 18 wherein said output means is connectable to a data bus.

23. (New) A module according to claim 18 wherein said input means of said housing is insertable in a socket provided on said vehicle.

24. (New) A system comprising:

at least one of a group consisting of electrically operable control and function devices mounted on a motor vehicle;

a module providing a housing mounted on said vehicle, having an input operatively connectable to said one device, and an output;

a fuse disposed in said housing electrically connected to said input means;

an analog/digital converter disposed in said housing electrically interconnecting said analog/digital converter and said output; and

a data bus operatively connecting said output and a remote processor.